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ABSTRACT

This is a guide to sources of information related to the history and contributions of women in the fields of science, medicine, and engineering. Also included are writings on present-day women scientists, as well as materials on the current status and concerns of women in the sciences. It is not intended to be a comprehensive bibliography. Categories include: (1) "Introductions to the Topic"; (2) "Subject Headings"; (3) "Basic Texts"; (4) "Additional Texts"; (5) "Guides, Handbooks and Dictionaries"; (6) "Correspondence, Reminiscences and Biographical Material"; (7) "Biographical Material for Younger Readers"; (8) "Bibliographies"; (9) "Conference Proceedings"; (10) "Selected Conference Proceedings"; (11) "Dissertations"; (12) "Selected Dissertations"; (13) "Government Publications"; (14) "Selected Government Publications"; (15) "Vocational/Career Opportunities"; (16) "Statistical Information"; (17) "Selected Statistical Sources"; (18) "Abstracting and Indexing Services"; (19) "Journals"; (20) "Selected Journal Articles"; (21) "Reports"; (22) "Selected Reports"; (23) "Selected Materials"; and (24) "Additional Sources of Information." (CW)

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WOMEN IN THE SCIENCES

Compiled by Rebecca Kennedy and Michelle Cadoree

ED326405

TB 90-6 September 1990

SCOPE: This is a guide to sources relating to the history and contributions of women in the fields of science, medicine, and engineering. Also included are writings on present-day women scientists, as well as materials on the current status and concerns of women in the sciences. Of possible interest to users of this work are **Blacks in Science and Related Disciplines** (TB 89-9) and **Biographical Sources in the Sciences** (TB 88-3).

An update of Tracer Bullet 83-8, this compilation is not intended to be a comprehensive bibliography but is designed--as the name of the series implies--to put the reader "on target."

INTRODUCTIONS TO THE TOPIC

Ivey, Elizabeth S. Recruiting more women into science and engineering. **Issues in science and technology**, v. 4, fall 1987: 83-87. **Q124.6.I85** and **Pamphlet box***

Kelly, Alison. Women in science: a bibliographic review. **Durham research review**, v. 7, spring 1976: 1092-1108. **L16.D8** and **Pamphlet box***

Schiebinger, Londa L. The history and philosophy of women in science: a review essay. **Signs**, v. 12, winter 1985: 305-332. **HQ1101.S5** and **Pamphlet box***

Vetter, Betty M. Women's progress. **Mosaic**, v. 18, spring 1987: 2-9. **Q11.U8216** and **Pamphlet box***

Women in technology. **Technology review**, v. 87, Nov./Dec. 1984: 29-52. **T171.M47** and **Pamphlet box***

SE051764

* Available in reference collection, Science Reading Room

SUBJECT HEADINGS used by the Library of Congress, under which books on women in the sciences can be located in most card, book, and online catalogs include the following:

WOMEN ENGINEERS (Highly relevant)
WOMEN PHYSICIANS (Highly relevant)
WOMEN SCIENTISTS (Highly relevant)
See also other headings beginning WOMEN, e.g., WOMEN GEOLOGISTS, WOMEN GENETICISTS, WOMEN DENTISTS, WOMEN PHYSICISTS, WOMEN STATISTICIANS
WOMEN IN AERONAUTICS (Highly relevant)
WOMEN IN ENGINEERING (Highly relevant)
WOMEN IN MEDICINE (Highly relevant)
WOMEN IN SCIENCE (Highly relevant)
See also other headings beginning WOMEN IN, e.g., WOMEN IN AGRICULTURE, WOMEN IN MATHEMATICS, WOMEN IN PHARMACY
AFRO-AMERICAN WOMEN CHEMISTS (Relevant)
AFRO-AMERICAN WOMEN IN THE PROFESSIONS (Relevant)
WOMEN--BIBLIOGRAPHY (Relevant)
MINORITIES IN SCIENCE (Related)
MINORITIES IN TECHNOLOGY (Related)
See also other headings beginning MINORITIES IN, e.g., MINORITIES IN ENGINEERING, MINORITIES IN MEDICINE

For additional subject headings see

Dickstein, Ruth, Victoria A. Mills, and Ellen J. Waite. **Women in LC's terms: a thesaurus of Library of Congress subject headings relating to women.** Phoenix, Oryx Press, 1988. 221 p. **Z695.1.W65D53 1988** SSRR
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Bibliography: p. 307-324.

Hurd-Mead, Kate Campbell. **A history of women in medicine, from the earliest times to the beginning of the nineteenth century.** Boston, Milford House, 1973. 569 p. **R692.M38 1973**
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Includes bibliographical references.

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Schiebinger, Londa L. **The mind has no sex? women in the origins of modern science.** Cambridge, Mass., Harvard University Press, 1989. 355 p. **Q130.S32 1989***
Bibliography: p. 329-345.

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Women in science: a report from the field. Edited by Jane Butler Kahle. London, Philadelphia, Falmer Press, 1985. 251 p. **Q130.W658 1985**
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Contains essays on women in archeology, geology, astronomy, mathematics, engineering, physics, biology, medicine, chemistry, and crystallography.
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MRR = Main Reading Room

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Describes the efforts of six women to achieve success as scientists. Emphasizes the particular problems faced in combining a career with family responsibilities and in overcoming prejudice against women scientists.

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CONFERENCE PROCEEDINGS can be identified using

Conference Papers Index (1973-) Z7403.C84*
See: Women

Index of Conference Proceedings Received (1974-) Z7403.B8b*
See: Women
Women Physicians

MicRR = Microform Reading Room

ISTP (Index to Scientific and Technical Proceedings) Z7403.14*
See: Women--Scientists
See also subheading Women under specific subject disciplines, e.g., Engineers --Women
Scientists--Women

Proceedings in Print (1964-) Z5063.A2P7*
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See: Women
Women in Science and Technology
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Index to U.S. Government Periodicals (1970-) Z1223.Z915 SSRR

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Women
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See: Women--Occupations
Women Engineers
Women in the Computer Industry
Women Mathematicians
Women Meteorologists
Women Physicists
Women Scientists

Bibliographic Index (1937-) Z1002.B595* MRR
See: Women Medical Scientists
Women Physicians
Women Scientists
Headings beginning 'Women in,' e.g., Women in Science

Biography Index (1946-) Z5301.B5 SSRR
See: Scientists
Names of individual disciplines, e.g., Astronomers, Botanists, Chemists

Canadian Periodical Index (1964-) AI3.C242 MRR
See: Women Scientists

Current Technology Index (1981-) Z7913.B7*
See: Engineering: Profession: Women
Scientists: Women

General Science Index (1978-) Z7401.G46*
See: Women Scientists
Women Physicians

Index Medicus (1960-) Z7401.G46*
See: Women
Physicians, Women

Magazine Index (1980-) Available in several formats at LC
See: Women Scientists
Women Engineers
Women Mathematicians
Women Physicians
Headings beginning 'Women in,' e.g., Women in Aeronautics

Note: **Consult reference librarian for location of abstracting and indexing services in the Science Reading Room.**

Readers' Guide to Periodical Literature (1900-) **AI3.R48** SSRR

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Women Chemists
Women in Space Sciences
Women Physicians
Women Physicists
Women Scientists
Women Surgeons

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See: Biologists
Engineers
Feminist Science
Physicians
Science
Scientists

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ADDITIONAL SOURCES OF INFORMATION

American Medical Women's Association
801 Fairfax Street
Suite 400
Alexandria, Virginia 22314
Telephone: (703) 838-0500

Association for Women in Science
1522 K Street, NW
Suite 820
Washington, D.C. 20005
Telephone: (202) 408-0742

Society of Women Geographers
1619 New Hampshire Avenue, NW
Washington, D.C. 20009
Telephone: (202) 265-2669

Association for Women in Mathematics
P.O. Box 178
Wellesley, Massachusetts 02181
Telephone: (617) 235-0320